

BILL NO. S-76-11-13.

SPECIAL ORDINANCE NO. S- 209-76

AN ORDINANCE approving Change Order No. 11 in connection with Water Pollution Control Expansion Project, Division I - Plant Additions.

BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE, INDIANA:

SECTION 1. That Change Order No. 11 to Hagerman-Shambaugh in connection with Division I of the Water Pollution Control Expansion Project - Plant Additions in the amount of \$7,607.00, as set out in the specifications, is hereby in all things ratified, confirmed and approved.

SECTION 2. This Ordinance shall be in full force and effect from and after its passage and approval by the Mayor.


Councilman

APPROVED AS TO FORM
AND LEGALITY.


CITY ATTORNEY

Read the first time in full and on motion by Burns, seconded by Hingia, and duly adopted, read the second time by title and referred to the Committee on City Utilities (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on _____, the day of _____, 1976, at _____ o'clock P.M., E.S.T.

DATE: 11-9-76

Charles W. Westerman
CITY CLERK

Read the third time in full and on motion by Burns, seconded by Hingia, and duly adopted, placed on its passage.

PASSED (~~POST~~) by the following vote:

	AYES	NAYS	ABSTAINED	ABSENT	TO-WIT:
TOTAL VOTES	<u>9</u>	<u>0</u>			
BURNS	✓				
HINGA	✓				
HUNTER	✓				
MOSES	✓				
NUCKOLS	✓				
SCHMIDT, D.	✓				
SCHMIDT, V.	✓				
STIER	✓				
TALARICO	✓				

DATE: 11-23-76

Charles W. Westerman
CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (~~ZONING MAP~~) (~~GENERAL~~) (~~ANNEXATION~~) (~~SPECIAL~~) (~~APPROPRIATION~~)

ORDINANCE (~~RESOLUTION~~) No. 220976 on the 23rd day of Nov, 1976.

ATTEST: (SEAL)

Charles W. Westerman
CITY CLERK

James S. Siler
PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 24th day of Nov, 1976, at the hour of 11:00 o'clock 11 M., E.S.T.

Charles W. Westerman
CITY CLERK

Approved and signed by me this 24th day of November, 1976, at the hour of 4:30 o'clock _____ M., E.S.T.

Rahat E. Armstrong
MAYOR

Bill No. S-76-11-13

REPORT OF THE COMMITTEE ON CITY UTILITIES

We, your Committee on City Utilities to whom was referred an Ordinance
approving Change Order No. 11 in connection with Water Pollution Control
Expansion Project, Division I - Plant Additions

have had said Ordinance under consideration and beg leave to report back to the Common
Council that said Ordinance 88 PASS.

Paul M. Burns - Chairman

John Nuckols - Vice-Chairman

William T. Hinga

Fredrick R. Hunter

Samuel J. Talarico

DATE 11-28-76

COMMITTEE ON

PROJECT Water Quality Control Project OWNER City of Fort Wayne, Indiana

DIVISION/~~SECTION~~ 1 - Water Pollution Control Plant Additions

CHANGE ORDER NO. 11

TO: Hagerman-Shambaugh - Joint Bidders

% Hagerman Construction Corporation

P.O. Box 690 - 403 Strauss Building

Fort Wayne, Indiana 46801

You are hereby authorized to make the following additions and/or deductions to your contract amount.

	Previous Contract Amount	Increase	Decrease	Net Change (Deduct) (Add)	Revised Contract Amount
TOTAL	\$ 21,019,407.10	\$ 12,153.00	\$ 4,546.00	\$ 7,607.00	\$ 21,027,014.10

Description of Change:

Add

Deduct

Item No. 1

Furnish all labor and material necessary to omit the proposed light fixture over sink in the men's rest room and substitute a ceiling hung light in lieu of a wall mounted in the women's rest room.

(No Cost Change)

Item No. 2

Furnish all labor and material necessary to omit aluminum grating and support angles in the new return sludge well located at the east end of new aeration tanks.

1,140.00

Item No. 3

Furnish all labor and material necessary to install new aluminum handrail around the new primary effluent box located at north end of existing primary tanks.

Add 23 lineal feet of aluminum handrail.

390.00

PROJECT Division I - Water Pollution Control Plant Additions - Fort Wayne, Indiana

	<u>Add</u>	<u>Deduct</u>
<u>Item No. 4</u>		
Furnish all labor and material necessary to install one aluminum scupper, downspout and splash pan on the blower building from the roof of the air plenum chamber to the roof of the blower room.	120.00	
<u>Item No. 5</u>		
Furnish all labor and material necessary to cut in and install one aluminum scupper with header, downspout and elbow at existing stairwell enclosure located at existing aeration tanks.	230.00	
<u>Item No. 6</u>		
Furnish all labor and material necessary to revise the method of repairing the expansion joint between existing digester tunnel and main control building.		2,940.00
<u>Item No. 7</u>		
Furnish all labor and material necessary to replace the existing underground steam lines between existing aeration tunnel and existing chlorination control building. Also re-insulate all piping with a rigid water resilient insulation in lieu of what was specified. Following is a breakdown of material and cost to perform this work.		
Add 140 L.F. 2" pipe installed	803.00	
Add 140 L.F. 4" pipe installed	1,197.00	
Add new rigid insulation	2,362.00	
Deduct specified insulation		300.00

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	<u>Add</u>	<u>Deduct</u>
<u>Item No. 8</u>		
Furnish all labor and material necessary to change the capacity of the new water seal unit proposed to be located in the storm water pumping building.		
2 - new pumps installed	\$ 744.00	
<u>Item No. 9</u>		
Furnish all labor and material necessary to add 57 L.F. of steel sheeting to the original 50 L.F. proposed on the contractual drawings. This sheeting is located at the junction of the east fence line and the south bank of the Maumee River. The additional sheet will extend west along the river bank.	5,175.00	
<u>Item No. 10</u>		
Furnish all labor and material necessary to modify the chemical feed piping arrangement in the new chemical feed building. Attached sketch shows the approximate location and routing of the proposed changes.		
Add 20' of 2" Schedule 80 P.V.C. pipe, miscellaneous fittings, 9 additional 2" PVC Ball Valves.	1,132.00	
Delete 3 - 2" PVC Ball Check Valves and miscellaneous fittings.		\$ 166.00
Totals	\$ 12,153.00	\$4,546.00
Net Change (Add)	\$ 7,607.00	

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CHANGE ORDER NO. 11

PROJECT Division I - Water Quality Control Project - Fort Wayne, Indiana

Note:

This change does not affect the date of completion of the contract.

RECOMMENDED:

HENRY B. STEEG & ASSOCIATES, A DIVISION
OF HOWARD NEEDLES TAMMEN & BERGENDOFF

By Ray H. Kocher

Title Project Engineer Date 9/29/76

ACCEPTED:

HAGERMAN-SHAMBAUGH

ACCEPTED FOR: HAGERMAN CONSTRUCTION CORP.
CONTRACTOR

By Mark F. Hagerman

Title Vice Pres. Date 10/1/76

ACCEPTED FOR: SHAMBAUGH & SON, INC.

CONTRACTOR

By Don J. Shambaugh

Title Geny Date 10-20-76

APPROVED:

CITY OF FORT WAYNE, INDIANA
OWNER

By _____

Henry P. Wehrenberg, Chairman

Ethel H. LaMar

Ethel H. LaMar, Member

Max Scott

Max Scott, Member

Title BOARD OF PUBLIC WORKS

Date: 10/25/76

Item No. 1REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: The justification of this change is that the existing wall material will not permit the electrical feed to the proposed lights to be concealed in the wall. Therefore, the necessity for a light fixture in the men's rest room was not considered great enough to cut and patch the existing wall.

The substitution of the ceiling hung light in lieu of a wall mounted light in the women's rest room is necessary for the same reason as mentioned above. This change will still give additional lighting which is needed, and cutting and patching of the existing wall will not be required.

2. Will proposed change alter size of the project? Yes _____ No X _____

If yes, explain

3. Affect on operation and maintenance cost of this project:

No.

Engineer

Item No. 2

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: This change request for omitting the aluminum grating located in the return sludge wells at the aeration tanks is necessary to enable the plant operator to see the return sludge pump discharge. The retaining walls around the well are high enough to eliminate any safety hazards without any grating.
- _____
- _____
- _____
- _____
- _____

2. Will proposed change alter size of the project? Yes X No _____

If yes, explain

A credit is being given for the omission of this work to the contract.

3. Affect on operation and maintenance cost of this project:
- _____
- _____
- _____
- _____
- _____
- _____
- _____
- _____

Engineer

Item No. 3REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: The request for this change has become necessary due to the
possible safety hazard that exists at the new primary effluent box. The box has
an open top with the grade around the outside being approximately 24" from top of
the wall. The installation of the handrail would eliminate any hazards.

2. Will proposed change alter size of the project? Yes X No

If yes, explain

Additional labor and material will be required over and above the original
contract.

3. Affect on operation and maintenance cost of this project:

N/A

Engineer

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: The request for the addition of a scupper, downspout and splash pan is necessary to eliminate water from standing on the roof of the new blower building air plenum, eliminate any possible leaks developing in the future and minimize the potential of exterior veneer staining.
- _____
- _____
- _____
- _____
- _____
- _____

2. Will proposed change alter size of the project? Yes ☒ No _____

If yes, explain

Additional labor and material will be required.

3. Affect on operation and maintenance cost of this project:

N/A

Engineer

Item No. 5REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: The request for the addition of a scupper, downspout and elbow on the existing stairwell enclosed is necessary to eliminate water from standing on the roof of the enclosure. This would also eliminate any possible leaks developing in the future, and the potential of veneer staining.
- _____
- _____
- _____
- _____
- _____

2. Will proposed change alter size of the project? Yes X No _____

If yes, explain

Additional labor and material will be required.

3. Affect on operation and maintenance cost of this project:

N/A

Engineer

Change Order No. 11

Board Order No. _____

Item No. 6

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: This request to change the method of repairing the expansion joint between the existing main control building and existing digester tunnel is being proposed to realize savings in cost yet maintain an effective method of sealing.

2. Will proposed change alter size of the project? Yes X No _____

If yes, explain

No excavation will be required therefore a credit will be given.

3. Affect on operation and maintenance cost of this project:

N/A

Engineer

Item No. 7REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: The request for the replacement and reinsulating the
underground steam lines between the existing aeration tunnel and the existing
chlorination building has become necessary due to the poor and deteriorated con-
dition of the existing lines. These lines were exposed during construction of
the primary effluent line and brought to the engineers attention noting the need
for repair and replacement.

2. Will proposed change alter size of the project? Yes X No _____

If yes, explain

Additional labor and material will be required to replace the piping.

3. Affect on operation and maintenance cost of this project:

N/A

Engineer

Item No. 8REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: This request for change has resulted from the additional
seal water requirements of the new stormwater pumps and motors. The water seal unit
was not sized for Allis-Chalmers pumps, because seal requirements could not be de-
termined at the time the specifications for the pumps were prepared.

2. Will proposed change alter size of the project? Yes X No _____

If yes, explain

Different water seal pumps will be required.

3. Affect on operation and maintenance cost of this project:

N/A

Engineer

Item No. 9REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: The request for the additional sheeting is to prevent
eroding of the river bank and to add to the security of plant property.

2. Will proposed change alter size of the project? Yes X No _____

If yes, explain

Additional labor and material will be required.

3. Affect on operation and maintenance cost of this project:

Less maintenance will be required controlling the vegetation growth and eroding.

Engineer

REQUEST AND JUSTIFICATION FOR CHANGE

1. Necessity for change: The request to change the chemical feed piping is necessary
to permit feed of chemicals and meeting NPDES permit requirements when one meter-
ing system fails or requires maintenance services. By changing the piping and
adding some ball valves, flexibility and security of the system can be gained and
service and maintenance can be readily accomplished.

2. Will proposed change alter size of the project? Yes X No _____

If yes, explain

Additional labor and material will be required.

3. Affect on operation and maintenance cost of this project:

Operation and control of the chemical feed system improved as described above.

Engineer

3413 TITLE OF ORDINANCE SPECIAL ORDINANCE - Change Order #11 on Division I of WPC Plant Expansion

DEPARTMENT REQUESTING ORDINANCE BOARD OF PUBLIC WORKS

SYNOPSIS OF ORDINANCE Change Order #11 of Hagerman-Shambaugh, Joint Bidders in the
amount of \$7,607.00 covers additional costs incurred on Division I of the
Water Pollution Control Expansion Project - Plant Additions.

-(SEE ATTACHED COPY OF CHANGE ORDER FOR EXPLANATION)

EFFECT OF PASSAGE Provide more efficient operation

EFFECT OF NON-PASSAGE Failure to provide more effective arrangements on various
items

MONEY INVOLVED (DIRECT COSTS, EXPENDITURES, SAVINGS) Additional cost on Federally
Funded Project - \$7,607.00

ASSIGNED TO COMMITTEE City Utilities PWA